

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:**1-9. (cancelled)**

10. (new) Method of fastening a guard rail to a concrete slab by means of a self-expanding and self-undercutting bolt comprising a dowel having expanding lugs and an expansion core, the method comprising a phase consisting in drilling a hole in the slab, a phase consisting in driving the bolt in to a desired depth independent of the depth of the hole, a dynamic tightening phase resulting in the formation of the undercut and a static tightening phase of the guard rail.

11. (new) Method according to claim 10, in which the dynamic tightening is carried out by relative screwing of the dowel and the expansion core to a given depth.

12. (new) Method according to claim 11, in which the dowel is screwed on to the expansion core until the fracture of incipient fracture means.

13. (new) Self-expanding and self-undercutting guard rail bolt for carrying out the method of claim 10, comprising a dowel and a counter-dowel screwed together by means of their screwing ends, the dowel comprising at its fastening end a guard rail fastening head designed to be driven in rotation and rigidly connected at its screwing end by means of incipient fracture means to a ring provided with expansion lugs, the counter-dowel comprising at its other expansion end an expansion cone and anti-rotation means, the expansion lugs comprising means for forming an undercut.

14. (new) Tool for fastening a guard rail bolt, comprising means for driving it in rotation and complementary means for controlling the driving depth of the bolt.

15. (new) Tool according to claim 14, provided with a spindle fixed in rotation with a cylindrical drive sleeve designed to drive the bolt in rotation.

16. (new) Tool according to claim 15, in which the sleeve is guided in translation by a stop guide and is returned by the action of a spring to a pin for driving the bolt in rotation.

17. (new) Tool according to claim 16, in which the length of the sleeve is equal to the length of the spindle increased by the length of the pin, but reduced by the minimum length of the spring.

18. (new) Tool according to claim 16, in which the length of the lower end of the stop guide is a function of the thickness of the fastening nut.